



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/142,326	01/27/1999	HENRIK FRYDENLUND HANSEN	ISIS-2447	2043

32650 7590 05/02/2007
WOODCOCK WASHBURN LLP
CIRA CENTRE, 12TH FLOOR
2929 ARCH STREET
PHILADELPHIA, PA 19104-2891

EXAMINER

BORIN, MICHAEL L

ART UNIT	PAPER NUMBER
----------	--------------

1631

MAIL DATE	DELIVERY MODE
-----------	---------------

05/02/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.



UNITED STATES DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

Address : COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
---------------------------------	-------------	---	---------------------

09-142326

EXAMINER

ART UNIT

PAPER

20061227

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

Reply filed on 02/01/2007 is, again, not responsive to the prior Notice of Non-Responsive Amendment because of the following omissions or matters:

Applicant continues to insist that the elected species, PNA3 (SEQ ID No. 5), reads on the claimed subject matter. In particular, applicant argues that terms T,C,A, and G are not used to denote oligonucleotide sequence, but are rather used to describe peptide-nucleic acid sequence. Examiner would have accepted such explanation, had it not conflicted with the disclosure: Sequence Listing clearly addresses SEQ ID No. 5 as "oligonucleotide". Even if applicant had other intentions to use abbreviations terms T,C,A, and G in the way different from their common use, they conflict with the way the terms are used in the specification.

For the same reason, Examiner maintains PNA3 does not satisfy the criteria of "n is at least 2" (see claim 22). Applicant addresses PNA3 as being plurality of N-(2-aminoethyl)-glycine residues. However, the sequence tttcntntc-Lys-NH₂, wherein tttcntntc is an oligonucleotide as addressed in Sequence Listing is viewed as 10 mer having 10 bases, not 10 amino acid backbone residues. A 10 mer having Lys residue at the end reads, at best, on PNA with n=1, and not n=2.

This is a FOURTH Letter of non-responsive amendment. Applicant is given ONE (1) MONTH or THIRTY (30) DAYS from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. This period to reply is not extendable, and the application will be abandoned unless a corrective answer is provided.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Borin whose telephone number is (571) 272-0713. The examiner can normally be reached on 9am-5pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ram Shukla can be reached on (571) 272-0735. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Michael Borin, Ph.D. Primary Examiner Art Unit 1631

mlb


RAM R. SHUKLA, PH.D.
SUPERVISORY PATENT EXAMINER